

# **Sustainable Energy Plan Briefing for the Illinois Commerce Commission**

**Presentation by the American Wind Energy Association**

**April 5, 2005**

## **Transmission Queue Economic Impacts**

- Annual landowner payments of \$3000 - \$5000 per MW
- 100-150 construction jobs per 100 MW for six months, plus local materials
- 6-8 permanent technical jobs per 100 MW
- Property taxes are roughly \$5000 per MW (can vary depending on enterprise incentives)

## **Milestones for 2006 Projects**

- Project permits in place: June '05
- Commercial arrangements: July '05
- Tentative turbine order placed: July '05
- PTC renewal and turbine payment: October '05
- Long lead time items ordered: Nov '05
- Civil construction: Jan – Aug '06
- Turbine delivery and erection: July – Nov '06

## **Delivery/Installation Cycles**

- Lesson of 2004 - 2005 is to order turbines early!
- Turbines for 2005 delivery were sold out by late fall of 2004
- Developers and others are making down payments in spring and summer of 2005 to ensure 2006 delivery
- For 2006 projects, suppliers have estimated an ability to deliver and install twelve turbines per week

## **Typical PPA Terms**

- Fixed pricing for 10 to 20 year term (with or without escalator)
- Utilities pay for all electricity delivered
- Pricing can vary by time of day and time of year
- Developer bears construction and financing cost risk
- Purchaser bears energy price risk

**Avian Issues**  
***Thank You***